

#18/UB  
8/25/3

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

G.D. Mohr, et al.

Filed: May 20, 1999

Serial No.: 09/574,432

For: Metal-Containing Macrostructures  
of Porous Inorganic Oxide, Preparation  
Thereof, And Use§  
§  
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§  
§

Confirmation No. 8679

Art Unit: 1754

Examiner: T. Vanoy

Docket No.: 99B014/2

RESPONSE**BOX FEE AMENDMENTS**

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

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AUG 22 2003

TC 1700

Dear Sir:

This is in response to the final Office Action mailed February 21, 2003.

**REMARKS**

Further consideration of the subject application in light of the remarks which follow is hereby respectfully requested. Claims 1 through 41 are presently pending.

**REJECTION UNDER 35 U.S.C. § 102 and 35 U.S.C. § 103****Applicants' Claimed Invention**

Applicant's invention is directed to metal-containing macrostructures of porous inorganic oxide, e.g., zeolite, and a method of producing the metal-containing macrostructures. One of the benefits of the metal-containing macrostructures is that they have a large interface between the gas or liquid phase of reactants and products and the solid phase of the porous inorganic material. For example, in the case of metal-containing macrostructures comprised of zeolite, the

PTO/SB/17 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL**  
**for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 970.00)**Complete if Known**

Application Number	09/574,432
Filing Date	May 20, 1999
First Named Inventor	Gary D. Mohr
Examiner Name	T. Vanoy
Art Unit	1754
Attorney Docket No.	99B014/2

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 05-1712

Deposit Account Name: ExxonMobil Chemical Co.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☒ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b> (\$)			

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims:  -20\*\* =  X  =

Independent Claims:  -3\*\* =  X  =

Multiple Dependent:  =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 64	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b> (\$)			

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	110.00
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 160	1806 160	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	750.00
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) Statutory Disclaimer 1.20(d)			110.00
*Reduced by Basic Filing Fee Paid			
<b>SUBTOTAL (3)</b> (\$ 970.00)			

**SUBMITTED BY**

Name (Print/Type)	Edward F. Sherer	Registration No. (Attorney/Agent)	29,588	Telephone	281-834-5933
Signature	<i>Edward F. Sherer</i>	Date	August 21, 2003		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)****EXXONMOBIL CHEMICAL COMPANY****Law Technology Group**DATE: August 21, 2003# of Pages: 37 (incl. cover sheet)

TO: T. Vanoy	
COMPANY: USPTO	FAX No.: (703) 872-9311
LOCATION: Washington, D.C.	Phone No.:
FROM: Edward F. Sherer, Registration No. 29,588	
COMPANY: ExxonMobil Chemical Company	Fax No.: (281) 834-2495
LOCATION: Baytown, Texas	Phone No.: (281) 834-5933

**COMMENTS****\*\*\*\*\* OFFICIAL FILING \*\*\*\*\*****RE: RESPONSE, TERMINAL DISCLAIMER, RCE, PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(A), FEE TRANSMITTAL SHEET**

Applicant(s): MOHR ET AL.

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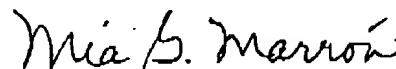
Invention: "Metal-Containing Macrostructures of Porous Inorganic Oxide, Preparation Thereof, and Use"

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*I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (703) 872-9311 on August 21, 2003.*



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